

**In the 19<sup>th</sup> Annual Meeting of the Club of Bologna 2008 in Bologna it was decided to establish a “(World) Research Database”**

**Activity was given to the incoming president of the Club, Luigi Bodria and his team with assistance of Prof. Hermann Auernhammer**

**During a workshop (brain storming) in Milano June 11, 2009 with**

- Luigi Bodria
- Marco Fiala
- Roberto Oberti
- Hermann Auernhammer \*)

**the following outcome was created:**

\*) Input of experience with and from the German Research Project Database created at TUM and transferred to VDI-MEG (unfortunately with a big step backwards during transfer!)

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## **UNACOMA wants to have information available for members dealing with**

- Present research **topics** worldwide
- Short information from ongoing **research projects**
- Available **information material**
- **People and institutions** involved in specific research areas

## **Information should be (we assume)**

- Always and every time **up-to-date**
- Outlined to the **knowledge and requirements** of the UNACOMA members
- Offered to **UNACOMA-members** mainly (only?)

*within three main areas*

### **1 Research Projects**

### **2 Reviews of special activities in restricted regions**

### **3 “Table of Contents” of worldwide available AgEng Journals**

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*A prototype with research projects only should be established*

## 1 Contents:

- 1) **Title** of the project
- 2) **Abstract** (restricted length, e.g. 1600 signs {20 lines, each 80 signs}, can/must be divided in given paragraphs like “problem, method, xx”)
- 3) **Max. 3 Key Words** out of a closed list
- 4) **Institution** with address, responsible person, phone, fax, email (, scype, xx)
- 5) **Research type**, specified as B.Sc.-, M.Sc.-, PhD-thesis, others
- 6) **Publications**, sequenced by year, month, author(s), title, journal/conference, link to pdf-file

**All this information has to be given in English only !**

## 2 Additional information:

- 7) **Title** of the project
- 8) **Key Words** out of a translated closed list
- 9) **pdf-Files of Publications**

**Should be given in the native language of the key in person (country) !**

## 3 Search Algorithms:

- 1) **Key Words only**
- 2) **Key Words and Title**
- 3) **Title only**

The use of key words in a “search function” should be limited to a **maximum of 3** and allow “**and**” or “**or**” combinations !

**Should be based on the native language of the users (Italian) !**

## 4 Proto type:

- 1) **SQL** should be used
- 2) Input of **projects from three different countries**

## 5 Medium term activities:

Full members of the Club organize and stimulate AgEng-Institutions in their countries to

- 1) **Give input** into the research database
- 2) **Update** their contributions

Full members of the Club will be evaluated by those activities !

## **2 Reviews of special activities in restricted regions**

**To be defined later**

## **3 “Table of Contents” of worldwide available AgEng Journals**

**To be defined later**

## Administration:

Should be done by UNACOMA dedicated to the University of Milano (Bodria) and deal with

- 1) Monitoring of input (e.g. every Monday in a week)
- 2) System back-up (e.g. every x days/months)
- 3) Dedicated distribution about new projects/publications to “user groups”
- 4) Generation of statistics about number of hits from users and information to research institutes

## Open Questions:

Especially

- 1) Stimulating institutes with no or less input
- 2) Improvement of input from institutes with less quality
- 3) ...